



# S SAUTTIS

Pull The Difference





## Our Commitment

We spared no expense in building trailers that last a lifetime. Every component is engineered for quality, serviceability, and reliability — designed and manufactured in-house to ensure total control. As a family-owned company, we work alongside our employees and take pride in every detail we produce. Our Trailers are built from firsthand experience and frustrations with the industry standards. The goal with our trailers is to eliminate common frustrations and deliver performance you can trust through thoughtful engineering, rigorous testing, and premium materials. When you choose our product, you're choosing a team that stands firmly behind what they build.

Manufactured with real-world use in mind, our trailers combine key features like a clutter-free hydraulic system, adjustable doors, sealed and protected wiring harnesses, and a patented fully greaseable independent suspension — all tied together with bolt-on components for unmatched reliability, simplicity, and serviceability. These are just a few of the engineered details that set our trailers apart.





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### *Pre Treatment Process*

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Our Trailers all go through a **Five-Stage Pretreatment Process** to help promote adhesion, Corrosion Resistance, Chip and Abrasive Resistance, Durable UV protection, and Color Retention.

- Step 1: **Alkaline Wash** – removes dusts, oils, and debris to create a clean, oil free surface.
- Step 2: **Heated High-Pressure Rinse** – Flushes away any remaining contaminants for a spotless finish.
- Step 3: **Heated Iron Phosphate Rinse** – Bonds with the metal to enhance corrosion resistance, inhibit rust, and promote superior powder adhesion.
- Step 4: **Heated High-Pressure Rinse** – Ensures a pristine, residue-free surface before sealing.
- Step 5: **Final Sealer** – Locks in corrosion protection and creates a smooth, uniform surface for a flawless finish.

Once pretreatment is complete, the part is baked dry in a high-temperature oven, removing any residual moisture. This prevents flash rust and creates the ideal surface for a strong, lasting primer bond.

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### *Primer and Powder*

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We use a Super Durable TGIC-free polyester topcoat in conjunction with an epoxy zinc-rich primer to create a long-lasting, corrosion-resistant finish engineered to withstand years of use and exposure.

The **epoxy zinc-rich primer** fuses superior adhesion with active zinc protection to stop rust before it starts. Its durable epoxy barrier seals out moisture, while the zinc provides continuous, long-term defense against corrosion.

The **Super Durable TGIC-free polyester powder** delivers outstanding UV, chip, and fade resistance for a tough, vibrant finish. Its advanced chemistry locks in color and Sheen, ensuring every trailer looks new for years to come.



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## Main Frame Features

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Designed with durability and performance in mind, standout features like our protected breakaway switch, I-beam reinforcement system, and advanced greaseable independent suspension system set the foundation — with even more innovative details throughout.

- **Adjustable Safety chains**
- **Removeable 7-way plug** for easy storage
- **Protected and Clutter Free Hydraulic System:** A streamlined, clutter-free hydraulic box where all vital components are enclosed within metal guards for long-term protection and reliability.
- **Tapered Front Tongue Assembly:** with rear drain holes



- **Patent-Pending I-Beam Reinforcement System:** Designed to reduce frame twist and flex, delivering a stronger, more stable foundation under heavy loads.
- **Nylon-Isolated Joints:** All hinge points feature nylon washers to prevent metal-on-metal contact and minimize wear over time.



- **Integrated LED Tire Lighting:** Bright LED lights illuminate the tires during night driving and backing up for safer, easier maneuvering.
- **Greaseable Wear Surfaces:** All key wear points are greaseable for easy maintenance and extended component life.
- **Patented Suspension System:** Provides a more controlled, consistent, and independent ride for superior towing stability and comfort.
- **J rated 18 ply 17.5 Wheel and Tire:** Delivers maximum strength, higher load ratings, and cooler running performance, making it ideal for heavy loads and demanding job-site use.
- **Breakaway Switch Protection:** Strategically housed inside the tongue to shield it from impact and debris.
- **Protected Fasteners:** Each fastener is fitted with a washer to safeguard the powder-coated surface from damage during assembly and use.



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### Wiring Harness Features

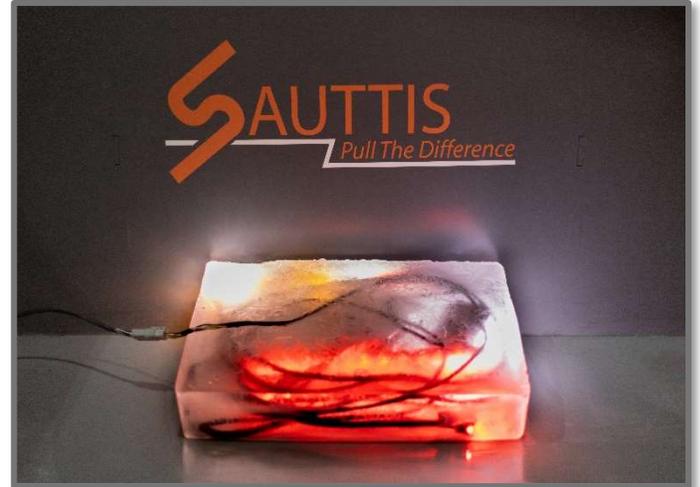
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Our wiring harness is built in-house for total quality control and long-term reliability. It features automotive-grade connections and Deutsch plugs for a secure, water tight, plug-and-play design. Every section of the harness is shrouded wherever possible, and areas that cannot be enclosed are lumed and wrapped with PET cloth tape for maximum protection and a clean, professional appearance.

- **Precision-Built Wiring Harness:** Manufactured in-house to maintain complete control over quality and deliver dependable performance in every trailer.
- **Ultrasonically Welded Connections:** All wiring joints are precision welded to create strong, consistent electrical bonds that eliminate weak crimp points.
- **Adhesive-Lined Heat Shrink Sealing:** Each connection is sealed with waterproof, adhesive-lined heat shrink for superior protection against moisture and corrosion.
- **Automotive-Grade Wiring Harness:** Features high-quality Deutsch connectors for secure, plug-and-play replacements and easy serviceability.



- **Fully Protected, Weather Proof Wiring:** All wiring is shrouded where possible, and areas that cannot be enclosed are protected with wire loom and wrapped in PET tape for added durability and a clean finish.
- **Protected Frame Pass-Throughs:** Plastic bushings are used wherever wiring passes through metal to prevent abrasion and long-term wear.
- **6-Piece Wishbone Wiring Harness:** Designed in modular sections so each portion can be serviced or replaced independently for easier maintenance.
- **Individually Tested Sections:** Each wiring section is fully tested before installation to ensure reliable performance and trouble-free operation.
- **Balanced Brake Power:** Our wishbone wiring harness feeds each brake independently, ensuring equal power distribution and even brake wear on both sides of the trailer.



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### *Dump Box Features*

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Engineered for durability and easy maintenance, our bolt-on design allows quick removal of serviceable parts without specialized tools. The structural composite fiber-wrapped wear board provides exceptional strength and long-term protection against wear. Tapered side panels give the trailer a clean, refined appearance that complements its rugged construction.



- **7-Gauge Steel Structure:** All major frame and body components are formed from 7-gauge or heavier steel for unmatched durability.
- **Tapered Sides:** The sides are tapered from front to back to ensure proper tongue-weight distribution when loaded and to make material exit cleanly during dumping.
- **Bolt-On Components for Easy Service:** High-wear items such as the fenders, tarp kit, door hold-open latches, and tail lights are **bolt-on assemblies**, allowing quick, easy replacement if damaged during use.
- **Fully Adjustable Doors:** Designed to prevent binding and dragging over time, our doors can be adjusted **in, out, up, and down** to maintain proper alignment and ensure an easy, reliable shut every time
- **Fiber-Wrapped Composite Top Rail Protector:** Constructed from a high-strength composite board that's fiber-wrapped for durability and finished for a clean, refined appearance. It offers excellent structural integrity while enhancing the trailer's overall look.
- **45°+ Dump Angle:** A steep tip angle of over 45 degrees ensures fast, complete unloading — even with sticky or heavy materials.





- **Superior Ground Clearance:** At full tilt with drop axles, we offer over 10 inches of clearance for easier dumping and reduced risk of underbody contact.

